(Model.)

G. J. RECORD.

SAP SPOUT.

No. 265,146. Patented Sept. 26, 1882.

Fig: 1.

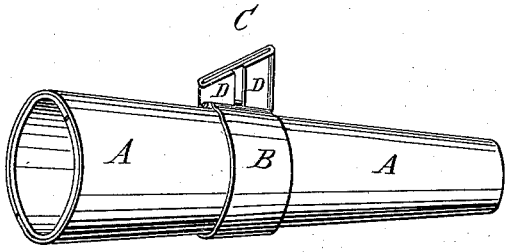


Fig: 2.

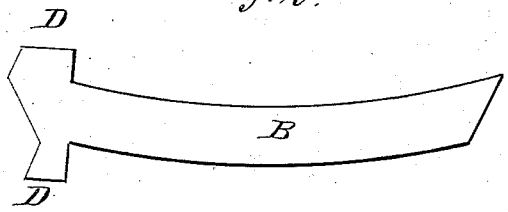


Fig: 3.

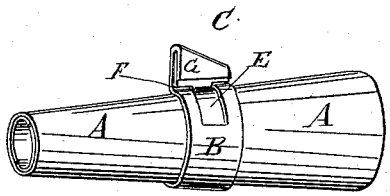
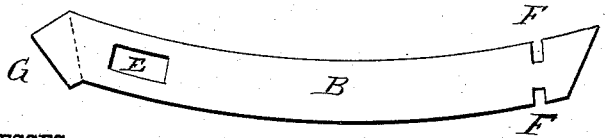


Fig: 4.



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GEORGE J. RECORD, OF CONNEAUT, OHIO.

SAP-SPOUT.

SPECIFICATION forming part of Letters Patent No. 265,146, dated September 26, 1882.

Application filed June 12, 1882. (Model.)

To all whom it may concern:

Be it known that I, GEORGE J. RECORD, of Conneaut, in the county of Ashtabula and State of Ohio, have invented a new and useful Improvement in Sap-Spouts, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of one of my improved spouts. Fig. 2 is a plan view of the band-blank. Fig. 3 is a perspective view of a sap-spout showing a modification of the band. Fig. 4 is a plan view of a blank of the modified band.

The object of this invention is to improve the construction of the sap-spouts for which Letters Patent Nos. 242,981 and 252,514 were granted to me June 14, 1881, and January 17, 1882, respectively, in such a manner as to make them more satisfactory and reliable in use.

The invention consists in a sap-spout constructed with a tapering tube having upon it a band provided with a radial projection, whereby the spout is strengthened and the sap-pail kept in place upon the spout, as will be hereinafter fully described.

A represents the spout, which is made tapering, and is formed of two concentric tapering tubes arranged to break joints, and each formed with its edges abutting against each other, so that the walls of the spouts will be of uniform thickness and their inner and outer surfaces will be free from projections. This construction makes the spouts much stronger than when made with lap-joints, and prevents the spouts from being contracted by pressure when they are driven into holes in the trees. Around the middle part of the spout A is placed a band, B, the ends of which are bent outward in a radial direction and parallel with each other, and are secured together by bending one end down over the other end or by bending projections formed upon one end over the other end. The overlapped ends can then be soldered or riveted to each other and the band B soldered to the spout A, or secured in place by retinning the spout after the band is placed thereon, or in any other approved way. The bands B are cut upon a curve, as shown in Figs. 2 and 4, to give the band B a taper to correspond with the taper of the spout A.

The projection C, formed by the ends of the band B, is inclined, as shown in Figs. 1 and 3, the highest edge being toward the smaller end of the spout A.

In the construction illustrated in Figs. 1 and 2 the band-blank is formed with inclined ends, and with projections D upon the side edges of one end, as shown in Fig. 2, which, when the said ends are brought parallel with each other, are bent down over the other end, as shown in Fig. 1.

In the construction illustrated in Figs. 3 and 4 the band-blank has a slot, E, near one end and notches F in its side edges, near the other end, the notched end being inclined and the slotted end having an inclined offset, G, as shown in Fig. 4. In this case the notched end of the blank is passed through the slot E. The ends are then brought together and the offset G is bent down over the incline of the said notched end, as shown in Fig. 3. The projection C can also be formed in other ways, producing the same practical result. With this construction the band B stiffens and strengthens the spout A, and the projection C serves as a stop to keep the sap-pail from coming off the said spout, while allowing the pail to be inclined toward either side to pour out the collected sap without detaching the said pail from the spout.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a sap-spout, the band B, having its ends bent parallel with each other and projecting radially, and the one end bent over the other end to strengthen the projection, substantially as herein shown and described, to adapt the band to be applied to a sap-spout, as set forth.

2. In combination with a sap-spout, the band B, provided with notches F near one end, the hole E at the other end, and offset G, as shown and described.

GEO. J. RECORD.

Witnesses:
ALLEN M. COX,
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